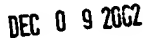


**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Sheet 2 of 3

**37 CFR 1.501**  
**INFORMATION DISCLOSURE CITATION**  
**IN A PATENT**

**(Use several sheets if necessary)**

Docket Number (Optional)

HRL033-B

Patent Number

Applicant

WU

Issue Date	
------------	--

Group Art Unit

## U.S. PATENT DOCUMENTS

EXAMINE  
INITIAL

DOCUMENT NUMBER

DATE \_\_\_\_\_

NAME \_\_\_\_\_

## CLASS

SUBCLASS

FILING DATE  
IF APPROPRIATE

RECEIVED  
DEC 10 2012  
TC 1700 MAIL ROOM

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

DATE \_\_\_\_\_

COUNTRY

CLASS

SUBCLASS

TRANSLATION

YES

NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

4

DATABASE CA "Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; OOSAWA, MASASHI ET AL: "1-(4-Cyclohexylphenyl)-2-phenylethane

derivative for liquid crystal display device" retrieved from STN Database accession no. 125:22403 CA XP002192883.

5

DATABASE CA \*Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; NAKADA, HIDETOSHI ET AL: "Manufacture of liquid - crystal device

having light-controlling layer from composition with controlled specific resistance" retrived from STN Database accession no. 127:26381 CA XP002192884

6

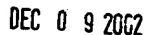
DATABASE CA \*Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; OSAWA ET AL.: "liquid-crystalline characteristic diacetylene compound

with high dielectric anisotropy" retrieved from STN Database accession no. 128:186837 CA XP002192885

EXAMINER

DATE CONSIDERED

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Sheet 3 of 3

PTO/SB/42 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.